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13

## CLAIMS:

*Sub A2*

1. A mobile telephone having a redial function,  
comprising:

a display device;

an input device for inputting a desired instruction;

5 a first memory for retrievably storing a plurality  
of registered phone numbers related to a plurality of registered  
names:

a second memory for storing a plurality of redial  
phone numbers which have been dialed; and

10 a controller controlling such that a registered  
phone number related to a selected redial phone number is  
displayed on the display device to be redialed depending on an  
instruction input through the input device.

2. A mobile telephone according to claim 1, wherein the  
15 controller controls such that:

one of the redial phone numbers stored in the second  
memory is sequentially selected and displayed on the display  
device to be redialed depending on a first selection instruction;  
and

20 a registered phone number related to a selected  
redial phone number is selected and displayed on the display

RQ5-412

14

device to be redialed depending on a second selection instruction.

wherein the first and second selection instructions are input through the input device.

3           3.     A mobile telephone according to claim 2, wherein the controller selects a registered phone number related to the selected redial phone number from the first memory in predetermined order.

10           4.     A mobile telephone according to claim 2, wherein the input device comprises:  
              a first redial key for producing the first selection instruction; and  
              a second redial key for producing the second selection instruction.

15           5.     A mobile telephone according to claim 2, wherein the input device comprises a single redial key, wherein the controller discriminates between the first selection instruction and the second selection instruction based on a length of time that the single redial key is depressed.

20           6.     A method for redialing a phone number in a mobile telephone having a redial function, comprising the steps of:

Sub A25  
Cont.

PO5-417

15

a) retrievably storing a plurality of registered phone numbers related to a plurality of registered names in a phone directory memory;

b) storing a plurality of redial phone numbers which have been dialed in a redial number memory;

c) selecting one of the redial phone numbers stored in the redial number memory;

d) retrieving a plurality of registered phone numbers related to a selected redial phone number from the phone directory memory; and

e) redialing a selected one of the retrieved registered phone numbers depending on a calling instruction.

7. A method according to claim 6, further comprising the step of:

f) repeating the step e) while sequentially selecting the retrieved registered phone numbers.

8. A method according to claim 7, wherein the registered phone numbers are sequentially selected in predetermined order.

9. A mobile telephone according to claim 1, wherein the controller displays a number of registered phone numbers related to the selected redial phone number on the display device.

F05-412

16

10. A mobile telephone according to claim 1, wherein the controller stores both successful and unsuccessful phone numbers onto the second memory while automatically deleting an oldest phone number when the second memory is full.

- 5 11. A mobile telephone according to claim 1, wherein the controller stores successful phone numbers and only a last-dialed phone number of unsuccessful phone numbers onto the second memory while automatically deleting an oldest phone number when the second memory is full.